



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**ARAKAWA, Takeharu**

Group Art Unit: **2127**

Serial No.: **10/670,386**

Examiner: **Not Yet Assigned**

Filed: **September 26, 2003**

P.T.O. Confirmation No.: **2736**

For: **INFORMATION ACQUISITION CONTROL UNIT, INFORMATION ACQUISITION CONTROL SYSTEM, INFORMATION ACQUISITION CONTROL METHOD, INFORMATION ACQUISITION CONTROL PROGRAM, RECORDING MEDIUM WITH THE PROGRAM RECORDED THEREIN, AND NAVIGATION SYSTEM**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 20, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

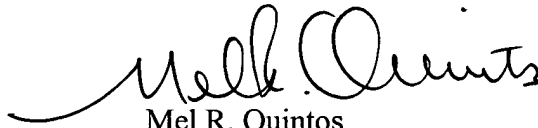
The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the

documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
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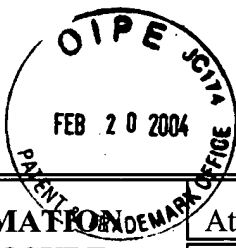
MRQ/lrj  
Atty. Docket No. **031144**  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



**23850**

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449, References (3) and European Search Report



**INFORMATION  
DISCLOSURE  
CITATION  
PTO-1449**

Atty. Docket No. 031144

Serial No. 10/670,386

Applicant(s): ARAKAWA, Takeharu

Filing Date: September 26, 2003

Group Art Unit: 2127

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	6,246,958 B1	Hirono	6/12/01	701	208	
_____	AB						
_____	AC						
_____	AD						
_____	AE						

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	EP 1 033 691 A2	09/06/00	European	No
_____	AG				
_____	AH				
_____	AI				
_____	AJ				

**OTHER DOCUMENTS**

_____	AK	PATENT ABSTRACTS OF JAPAN; VOL. 2000, NO. 12, 3 January 2001 (2001-01-03) & JP 2000 250403 A (NIPPON TELEGR & TELEPH CORP), 14 September 2000 (2000-09-14) *abstract*.
_____	AL	European Search Report
Examiner		Date Considered